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WENDEROTH, LIND & PONACK L.L.P.
1030 15th Street, N.W.
Suite 400 East
Washington, DC 20005-1503

EXAMINER	
PATEL, DHAIRYA A	

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NOTIFICATION DATE	DELIVERY MODE
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ddalecki@wenderoth.com
eoa@wenderoth.com

DETAILED ACTION

1. This action is responsive to communication filed on 11/3/2011. Claims 1-17 were originally presented, and claim 1-17 are cancelled. Claims 18-30 are newly added claims. Therefore claims 18-30 are subject toe examination.
2. This amendment has been fully considered and entered.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim18-26 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Applicant asserts that the claim element "a registration processing unit configured...a measure value check unit configured to receive..., a notification unit configured, when the measured...." is a limitation that invokes 35 U.S.C. 112, sixth paragraph. However, it is unclear whether the claim element invokes 35 U.S.C. 112, sixth paragraph, because the claim language does not recite "unit configured to/for", therefore it is unclear if the 112 sixth paragraphs is invoked. If applicant wishes to have the claim limitation treated under 35 U.S.C. 112, sixth paragraph, applicant may:

(a) Amend the claim to include the phrase "means for" or "step for". The phrase "means for" or "step for" must be modified by functional language,

and the phrase or term must **not** be modified by sufficient structure, material, or acts for performing the claimed function; or

(b) Present a sufficient showing that the claim limitation is written as a function to be performed and the claim does **not** recite sufficient structure, material, or acts for performing the claimed function to preclude application of 35 U.S.C. 112, sixth paragraph. For more information, see MPEP § 2181.

As per claims 20-26, they are dependent upon rejected independent claims, therefore rejected under same basis.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 18-20, 28-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue et al. U.S. Patent Publication # 2003/0005135 (hereinafter Inoue) in view of Holmeide et al. U.S. Patent Publication # 2003/0142696 (hereinafter Holmeide) further in view of Suzuki et al. U.S. Patent # 7,353,314 (hereinafter Suzuki) further in view of Hoyle et al. U.S. Patent # 7,366,996 (hereinafter Hoyle)

As per claim 18, Inoue teaches a server comprising:

-a content storage unit storing content(Paragraph 64)

-a registration unit in which a terminal apparatus permitted to use the content is registered (Paragraph 57, 77)

Inoue does not teach a packet transmission unit configured, upon receiving a registration request for using the content from an unregistered terminal apparatus via network, to transmit a measuring packet to the unregistered terminal apparatus via the network; a measured value check unit configured to receive, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value, the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit; a registration processing unit configured, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit, and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value; a processing status storage unit storing time segments and status notification information pieces in one-to-one correspondence, the time segments being obtained by dividing a time elapsed from the packet transmission unit receiving

the registration request; and a notification unit configured, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request.

Holmeide teaches a packet transmission unit configured, upon receiving a registration request for using the content from an terminal apparatus via network (Paragraph 34), to transmit a measuring packet to the terminal apparatus via the network (Paragraph 35, 42); a processing status storage unit storing time segments and status notification information pieces in one-to-one correspondence (Paragraph 39), the time segments being obtained by dividing a time elapsed from the packet transmission unit receiving the registration request (Paragraph 35-37, 39-42)

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Holmeide's teaching in Inoue's teaching to come up with transmitting measuring packet to the terminal and storing time segments and status notifications for the time segments. The motivation for doing so would be calculate the reply/response time from when the request was sent along w/ the local clock time at the client and the server.

Inoue and Holmeide does not teach a measured value check unit configured to receive, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value, the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit; a registration processing unit configured, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit, and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value; and a notification unit configured, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request.

Suzuki teaches a measured value check unit configured to receive, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value (column 5 lines 24-36), the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit (column 5 lines 26-36); a registration processing unit configured, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit (column 10 lines 62-67)(column 11 lines 1-14), and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value (column 10 lines 62-67)(column 11 lines 1-20); and a notification unit configured, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit

receiving the registration request (column 5 lines 20-36, lines 59-67)(column 6 lines 1-3, 25-34).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Suzuki's teaching in Inoue and Holmeide's teaching to come up with having measuring the response time and comparing w/ the predetermined reference measurement value and registering based on the comparison. The motivation for doing so would be to find out the delay time in response to the request sent, and registering the terminal if the response/delay time is smaller than the maximum delay time.

Although Suzuki teaches sending the registration request (i.e. terminal is not registered)(column 5 lines 20-24), Inoue, Holmeide and Suzuki does not use the term "unregistered terminal".

Woundy teaches having unregistered terminal (column 34 lines 8-13). It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Hoyle's teaching in Inoue, Holmeide and Suzuki's teaching to come up with having terminal being an unregistered terminal. The motivation for doing so would be if the computer/terminal is new computer, the user on the new computer can register the computer by providing information about the user and the new computer, thereby providing/granting access to the new computer and the user.

As per claim 19, Inoue, Holmeide, Suzuki and Woundy teaches the server of claim 18, but Holmeide further teaches the status notification information

pieces are messages, each message of the messages indicating a processing status of the server (Paragraph 41-42).

As per claim 20, Inoue, Holmeide, Suzuki and Woundy teaches the server of claim 18, but Holmeide further teaches wherein the terminal apparatus stores a plurality of messages, each message of the plurality of message indicating a processing status of the server, and stores identification information pieces indicating respective messages of the plurality of messages, and wherein the status notification information pieces are the identification information pieces (Paragraph 41-42)

As per claim 28, Inoue teaches an apparatus registration system including:

-a server storing content (Paragraph 64)

-an terminal apparatus for using the content (paragraph 57, 77),

Wherein the server comprises:

-a content storage unit storing content(Paragraph 64)

-a registration unit in which a terminal apparatus permitted to use the content is registered (Paragraph 57, 77)

Inoue does not teach unregistered terminal, a packet transmission unit configured, upon receiving a registration request for using the content from an unregistered terminal apparatus via network, to transmit a measuring packet to the unregistered terminal apparatus via the network; a measured value check unit configured to receive, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a

measured value with a predetermined reference measurement value, the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit; a registration processing unit configured, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit, and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value; a processing status storage unit storing time segments and status notification information pieces in one-to-one correspondence, the time segments being obtained by dividing a time elapsed from the packet transmission unit receiving the registration request; and a notification unit configured, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request, wherein the unregistered terminal apparatus

comprises: a communication processing unit configured to transmit the registration request to the server; a packet communication unit configured to receive the measuring packet from the server and transmit the response packet to the server; and a display unit configured to display a message based on the status notification information piece notified by the server.

Holmeide teaches a packet transmission unit configured, upon receiving a registration request for using the content from an terminal apparatus via network (Paragraph 34), to transmit a measuring packet to the terminal apparatus via the network (Paragraph 35, 42); a processing status storage unit storing time segments and status notification information pieces in one-to-one correspondence (Paragraph 39), the time segments being obtained by dividing a time elapsed from the packet transmission unit receiving the registration request (Paragraph 35-37, 39-42) wherein the registered terminal apparatus comprises: a communication processing unit configured to transmit the registration request to the server (Paragraph 34); a packet communication unit configured to receive the measuring packet from the server and transmit the response packet to the server (Paragraph 35, 39, 42)

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Holmeide's teaching in Inoue's teaching to come up with transmitting measuring packet to the terminal and storing time segments and status notifications for the time segments. The motivation for doing so would be calculate the reply/response time from when the request was sent along w/ the local clock time at the client and the server.

Inoue and Holmeide does not teach a measured value check unit configured to receive, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value, the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit; a registration processing unit configured, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit, and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value; and a notification unit configured, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request, and a display unit

configured to display a message based on the status notification information piece notified by the server.

Suzuki teaches a measured value check unit configured to receive, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value (column 5 lines 24-36), the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit (column 5 lines 26-36); a registration processing unit configured, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit (column 10 lines 62-67)(column 11 lines 1-14), and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value (column 10 lines 62-67)(column 11 lines 1-20); and a notification unit configured, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of

the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request (column 5 lines 20-36, lines 59-67)(column 6 lines 1-3, 25-34).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Suzuki's teaching in Inoue and Holmeide's teaching to come up with having measuring the response time and comparing w/ the predetermined reference measurement value and registering based on the comparison. The motivation for doing so would be to find out the delay time in response to the request sent, and registering the terminal if the response/delay time is smaller than the maximum delay time.

Although Suzuki teaches sending the registration request (i.e. terminal is not registered)(column 5 lines 20-24), Inoue, Holmeide and Suzuki does not use the term "unregistered terminal" and a display unit configured to display a message based on the status notification information piece notified by the server.

Woundy teaches having unregistered terminal (column 34 lines 8-13) and a display unit configured to display a message based on the status notification information piece notified by the server (column 9 lines 55-65)(column 10 lines 36-46). It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Hoyle's teaching in Inoue, Holmeide and Suzuki's teaching to come up with having terminal being an unregistered terminal. The motivation for doing so would be if the computer/terminal is new computer, the user on the new computer can register

the computer by providing information about the user and the new computer, thereby providing/granting access to the new computer and the user.

As per claim 29, Inoue teaches an apparatus registration method used in the server of claim 18, the apparatus registration method comprising:

Inoue does not teach a packet transmission step, upon receiving a registration request for using the content from an unregistered terminal apparatus via network, to transmit a measuring packet to the unregistered terminal apparatus via the network; a measured value check step of receiving, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value, the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit; a registration processing step of, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit, and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value; and a notification step of, when the measured value is larger than or equal to the predetermined reference measurement value,

when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request.

Holmeide teaches a packet transmission step of, upon receiving a registration request for using the content from an terminal apparatus via network (Paragraph 34), to transmit a measuring packet to the terminal apparatus via the network (Paragraph 35, 42)

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Holmeide's teaching in Inoue's teaching to come up with transmitting measuring packet to the terminal and storing time segments and status notifications for the time segments. The motivation for doing so would be calculate the reply/response time from when the request was sent along w/ the local clock time at the client and the server.

Inoue and Holmeide does not teach a measured value check step of receive, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value, the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit; a registration processing step of, (a) when the measured value

is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit, and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value; and a notification step of, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request.

Suzuki teaches a measured value check step of receiving, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value (column 5 lines 24-36), the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit (column 5 lines 26-36); a registration processing step of, (a) when the measured value is smaller than the

predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit (column 10 lines 62-67)(column 11 lines 1-14), and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value (column 10 lines 62-67)(column 11 lines 1-20); and a notification step of, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request (column 5 lines 20-36, lines 59-67)(column 6 lines 1-3, 25-34).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Suzuki's teaching in Inoue and Holmeide's teaching to come up with having measuring the response time and comparing w/ the predetermined reference measurement value and registering based on the comparison. The motivation for doing so would be to find out the

delay time in response to the request sent, and registering the terminal if the response/delay time is smaller than the maximum delay time.

Although Suzuki teaches sending the registration request (i.e. terminal is not registered)(column 5 lines 20-24), Inoue, Holmeide and Suzuki does not use the term “unregistered terminal”.

Woundy teaches having unregistered terminal (column 34 lines 8-13). It would have been obvious to one of ordinary skill in the art at the time of applicant’s invention was made to implement Hoyle’s teaching in Inoue, Holmeide and Suzuki’s teaching to come up with having terminal being an unregistered terminal. The motivation for doing so would be if the computer/terminal is new computer, the user on the new computer can register the computer by providing information about the user and the new computer, thereby providing/granting access to the new computer and the user.

As per claim 30, Inoue teaches a non-transitory computer-readable recording medium having a registration program recorded thereon, the registration program being used in the server of claim 18, wherein the server is a computer (Paragraph 64), wherein the registration program causes the computer to execute a method comprising:

Inoue does not teach a packet transmission step, upon receiving a registration request for using the content from an unregistered terminal apparatus via network, to transmit a measuring packet to the unregistered terminal apparatus via the network; a measured value check step of receiving, from the unregistered terminal apparatus, a response packet in response to the

measuring packet, and configured to compare a measured value with a predetermined reference measurement value, the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit; a registration processing step of, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit, and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value; and a notification step of, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request.

Holmeide teaches a packet transmission step of, upon receiving a registration request for using the content from an terminal apparatus via network

(Paragraph 34), to transmit a measuring packet to the terminal apparatus via the network (Paragraph 35, 42)

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Holmeide's teaching in Inoue's teaching to come up with transmitting measuring packet to the terminal and storing time segments and status notifications for the time segments. The motivation for doing so would be calculate the reply/response time from when the request was sent along w/ the local clock time at the client and the server.

Inoue and Holmeide does not teach a measured value check step of receive, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value, the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit; a registration processing step of, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit, and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value; and a notification step of, when the measured

value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request.

Suzuki teaches a measured value check step of receiving, from the unregistered terminal apparatus, a response packet in response to the measuring packet, and configured to compare a measured value with a predetermined reference measurement value (column 5 lines 24-36), the measured value indicating a length of time from the transmission of the measuring packet by the packet transmission unit to the receipt of the response packet by the measured value check unit (column 5 lines 26-36); a registration processing step of, (a) when the measured value is smaller than the predetermined reference measurement value, to register the unregistered terminal apparatus in the registration unit (column 10 lines 62-67)(column 11 lines 1-14), and (b) when the measured value is larger than or equal to the predetermined reference measurement value, to cause the packet transmission unit to newly transmit the measuring packet to the unregistered terminal apparatus, and register the unregistered terminal apparatus in the registration unit when the measured value for the newly transmitted measuring packet is smaller than the predetermined reference measurement value (column 10 lines

62-67)(column 11 lines 1-20); and a notification step of, when the measured value is larger than or equal to the predetermined reference measurement value, when the time elapsed from the packet transmission unit receiving the registration request exceeds any of the obtained time segments, to notify the terminal apparatus of a stored status notification information piece, of the stored status notification information pieces, corresponding to the obtained time segment exceeded by the time elapsed from the packet transmission unit receiving the registration request (column 5 lines 20-36, lines 59-67)(column 6 lines 1-3, 25-34).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Suzuki's teaching in Inoue and Holmeide's teaching to come up with having measuring the response time and comparing w/ the predetermined reference measurement value and registering based on the comparison. The motivation for doing so would be to find out the delay time in response to the request sent, and registering the terminal if the response/delay time is smaller than the maximum delay time.

Although Suzuki teaches sending the registration request (i.e. terminal is not registered)(column 5 lines 20-24), Inoue, Holmeide and Suzuki does not use the term "unregistered terminal".

Woundy teaches having unregistered terminal (column 34 lines 8-13). It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Hoyle's teaching in Inoue, Holmeide and Suzuki's teaching to come up with having terminal being an

unregistered terminal. The motivation for doing so would be if the computer/terminal is new computer, the user on the new computer can register the computer by providing information about the user and the new computer, thereby providing/granting access to the new computer and the user.

Claim 26, 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue et al. U.S. Patent Publication # 2003/0005135 (hereinafter Inoue) in view of Holmeide et al. U.S. Patent Publication # 2003/0142696 (hereinafter Holmeide) further in view of Suzuki et al. U.S. Patent # 7,353,314 (hereinafter Suzuki) further in view of Hoyle et al. U.S. Patent # 7,366,996 (hereinafter Hoyle) further in view of Meier et al. U.S. Patent # 6,701,361 (hereinafter Meier)

As per claim 26, Inoue, Holmeide, Suzuki and Woundy teaches the server of claim 18, but does not explicitly state wherein the network is a wireless network.

Meier teaches network is a wireless network (abstract). It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Meier's teaching in Inoue, Holmeide, Suzuki and Hoyle's teaching to come up with network being wireless network. The motivation for doing so would so the users can communicate wirelessly and can roam around throughout the premises.

As per claim 27, Inoue, Holmeide, Suzuki and Woundy teaches the server of claim 18, but does not explicitly state wherein the network is a wired network.

Meier teaches network is a wired network (abstract). It would have been obvious to one of ordinary skill in the art at the time of applicant's invention was made to implement Meier's teaching in Inoue, Holmeide, Suzuki and Hoyle's teaching to come up with network being wired network. The motivation for doing so would so the users can communicate reliably, efficiently, by using a wired network as oppose to wireless network.

Allowable Subject Matter

Claims 21-25 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112 2nd paragraph rejection, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Response to Arguments

Applicant's arguments with respect to claims 18-30 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

   Refer to PTO-892.

4.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DHAIRYA A. PATEL whose telephone number is (571)272-5809. The examiner can normally be reached on Monday-Friday 8:30 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571-272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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DAP

/KAMAL B DIVECHA/
Primary Examiner, Art Unit 2451